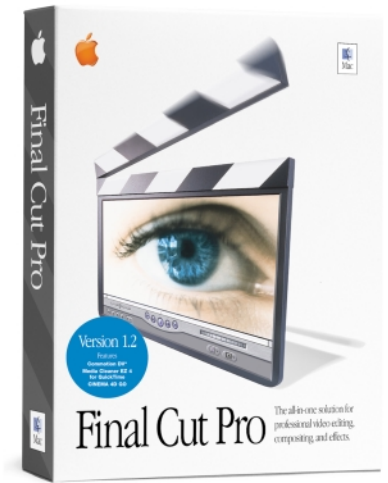




Final Cut Pro 1.2

The award-winning all-in-one solution for professional digital video editing, compositing, and special effects.



Key Features

Comprehensive professional tools

- Get professional editing, compositing, and effects programs in one product
- Build composites using a direct, proxy-free interface
- Create and animate unlimited layers of elements
- Use Bézier curves, graphs, and numerical controls to apply and control effects and animations with keyframes
- Apply reverb filters to audio clips

Plug-and-play digital video

- Works right out of the box with the latest FireWire-equipped Power Mac and PowerBook computers
- Is optimized for the PowerPC G4 with Velocity Engine
- Gets video directly from most DV devices
- Works with Final Cut Pro-qualified video capture and output cards for most professional formats and connections*
- Simultaneously outputs to a computer monitor and a PAL or NTSC TV monitor, VCR, or camera

Enhanced workflow and productivity

- Do all your work through four multifunction windows that let you edit using a source/record, timeline, keyboard, contextual menu, or standard menu interface
- Print to tape without a "make movie" command
- Use the four different work modes with separate caches for high-speed previewing and rendering
- Protect your work with autosave and up to 99 levels of "undo"
- Manage your media assets with powerful organizational and search tools
- Log and capture video directly into bins
- Use the J, K, and L keys to control and edit clips
- View the edit decision list in the text window

Outstanding support for QuickTime

- View large windows with stutter-free playback
- Get guaranteed audio/video synchronization
- Use superlarge files (more than 2 gigabytes)
- Export video to most QuickTime formats, including Motion JPEG (M-JPEG) and streaming video

Now you can create high-quality video easily and affordably. Final Cut Pro 1.2 is the only software in its class that combines professional editing, compositing, and special effects capabilities in one flexible and highly productive program.

By giving you the best features of other products—and more—in a single application, Final Cut Pro lets you work faster at a lower cost. In fact, a Power Mac G4 computer with Final Cut Pro costs less than a tenth the price of some competing systems. No wonder it's the ideal choice for professionals in broadcasting, video, marketing communications, graphic design, multimedia, and web creation.

Plug-and-play digital video is finally a reality with Final Cut Pro. Just connect your computer to one of the hot new cameras that have DV and FireWire (IEEE 1394) connections, and you've got a complete desktop movie studio. Final Cut Pro transfers the digital video and audio to your hard disk, where you can edit and manipulate them, then play the results almost instantaneously on a computer, TV, or VCR. If you don't have a DV camera, you can capture traditional analog media using any of the video capture cards and devices qualified to work with Final Cut Pro.*

Once the video and audio are in your system, Final Cut Pro gives you a comprehensive set of tools to turn them into a well-polished production. Fast, interactive tools streamline the editing and compositing processes. Choose from numerous built-in special effects, bring in third-party Adobe After Effects filters, or design your own effects. While you're creating video, you can view it simultaneously on your computer monitor and in broadcast quality on a PAL or NTSC television. The fast, smooth playback will show you exactly how the finished product will look. You can output your final movie to any professional format. Print straight to videotape, or create a QuickTime file for a CD-ROM or streaming on the World Wide Web.

Version 1.2 of this award-winning application offers even greater value and performance. Use it on a Power Mac to create a desktop movie studio for school or business. Or run Final Cut Pro on a PowerBook computer for anywhere, anytime productivity—perfect for editing news videos or reviewing dailies. The faster performance in this release means quick rendering, and if you have a Power Mac G4 system, you'll see even higher performance. That system will also give you bigger, clearer playback windows than ever, because the DV codec in Final Cut Pro 1.2 is optimized for the PowerPC G4 processor's Velocity Engine.

With Mac OS 9, you can set up different configurations of Final Cut Pro for fast switching through the Multiple Users control panel—a great solution for systems in computer labs and post-production houses that have multiple users, or for switching between analog and digital setups in a single-user system. Version 1.2 also features new audio reverb filters, improved batch capture, easier viewing of edit decision lists, and support for "JKL" keyboard commands.

Final Cut Pro: Professional desktop movie production at a cost you would never have thought possible.

* Final Cut Pro works with select Pinnacle Systems TARGA video capture cards. See www.apple.com/finalcutpro for information on other qualified cards and devices.



Specification Sheet

Final Cut Pro

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Features

Benefits

Comprehensive professional tools

The best features of other editing and compositing programs in one product

Fast, interactive editing with a complete set of professional tools

Direct, proxy-free compositing

Unlimited layers of video, audio, text, and graphics

Ability to use Bézier curves or graphs to control effects and animations with keyframes

Full-featured deck control for both DV and analog video, including the ability to log and capture media directly into bins

Streamline your workflow and enjoy better quality while saving money

Spend your time creating great movies instead of performing wasted steps

Work precisely with elements, exactly as they will appear in the finished production

Build productions as complex as you want

Create intricate, precise, time-varying effects

Batch-capture multiple clips automatically and organize them as you capture them

Plug-and-play digital video

Compatibility with the newest Power Mac and PowerBook computers

Support for DV and FireWire (IEEE 1394)–compatible peripherals

Ability to use Final Cut Pro–qualified video capture and output cards*

Simultaneous output to a computer monitor and an NTSC or PAL TV monitor, VCR, or camera

Improved DV codec

Just plug in a DV camera and turn your computer into a complete desktop movie studio

Capture pure, high-quality digital video from today's most popular DV cameras and tape decks

Input or output video using whatever format you need

Find out how your production will look on a real TV while you're editing, or send it directly to a VCR

Enjoy higher-quality playback in a larger window on your computer's monitor with 100 percent source size and full frame rate

Enhanced workflow and productivity

Four multifunction windows with a choice of editing interface: source/record, timeline, keyboard, contextual menus, or standard menus

Support for multiple custom or standard screen layouts

Integration with the Mac OS 9 Multiple Users control panel

Support for "JKL" keyboard control

Ability to print directly to videotape without a "make movie" command

Four work modes with separate caches

Autosave and 99 levels of "undo"

Sort and sift functions, Boolean searches, and unlimited bins and sub-bins

Pop-up editing palette

Ability to scroll through thumbnails in the Browser window

Tab-based windows

Localized versions

Work the way you want for highest productivity and see all interface elements continuously—without having to constantly rearrange windows

Enable different users to optimize the program for their individual work styles

Set up different Final Cut Pro configurations to meet the needs of different users or to switch quickly between analog and video modes

Use the keyboard to change playback direction and speed and to set in and out points on the fly

Eliminate the time-consuming step of rendering every frame before you go to tape

View high-speed previews and rendering of transitions, effects, and composited elements

Work with confidence, knowing that you can easily correct any mistakes

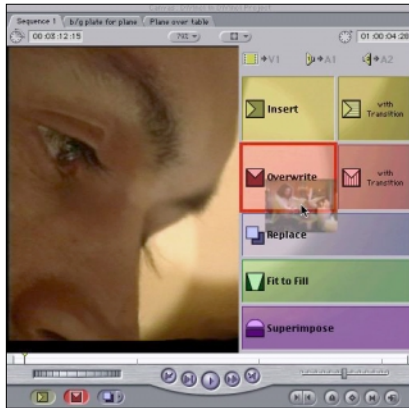
Find and organize your media assets quickly and easily

Take advantage of drag-and-drop support in major editing functions while saving valuable screen space

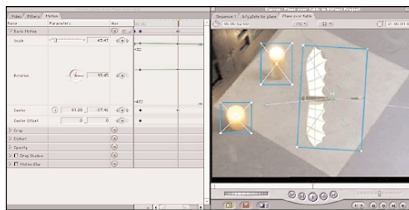
View clips in the Browser without opening them in the Viewer window

Eliminate screen clutter by pulling out tabs to create stand-alone windows

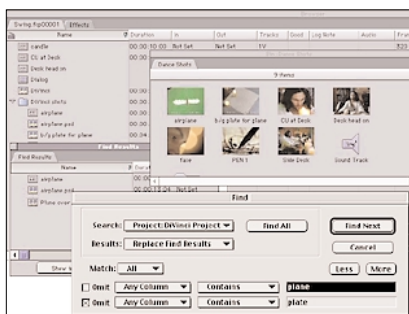
Streamline productivity by working in your native language



Edit using a modelless drag-and-drop interface, graphical buttons, or the keyboard.



Combine audio, video, text, and graphic elements in unlimited layers.



Organize your media assets however you prefer, using sophisticated search, sift, and sort tools.

* Final Cut Pro works with select Pinnacle Systems TARGA video capture cards. See www.apple.com/finalcutpro for information on other Final Cut Pro–qualified cards and devices.



Specification Sheet

Final Cut Pro

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"Final Cut Pro is a robust program with killer features that editors who want a fast, efficient workflow will find irresistible. . . . if you're moving into the world of DV, FireWire drives, and just-in-time content creation, Final Cut Pro is the way to go."

—Raf Anzovin, *MacAddict*

"Final Cut Pro represents the harmony between hardware and software. It's elegant, powerful, easy enough to use, and it really takes video editing into the next millennium."

—James L. Kim, *ZDTV*

"To say that any one software editing program will be the only one you'll ever need is a pretty big statement to back up, but Apple's come pretty darn close with Final Cut Pro."

—Terrence Lee, *Digital Content Creation*

"Excelling at editing and compositing, Final Cut Pro deserves serious consideration from anyone looking to buy an editing application or upgrade from an existing one."

—Matt Payne, *AV Video and Multimedia*

Features

Outstanding support for QuickTime

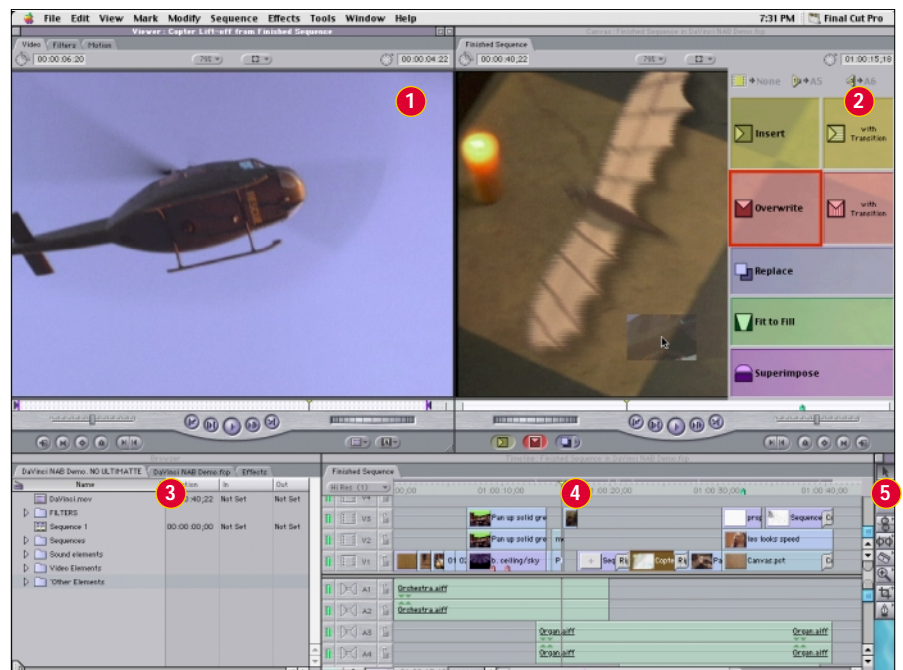
Large windows with full-frame, stutter-free playback	See the detail in your images for precise editing
Fast interaction and playback of productions even with hundreds of edits	Create long-format video projects without getting bogged down
Guaranteed audio/video synchronization	Work with confidence in the quality of your finished production
Support for superlarge files (more than 2 gigabytes)	Capture more than just 9 minutes of video at one time
Support for QuickTime effects and transitions	Add eye-catching transitions created by Apple and other vendors
Ability to export video to most QuickTime formats, including M-JPEG and streaming video	Create videos for any medium, including videotape, CD-ROM, DVD, broadcast, and the World Wide Web

Top Ten Reasons to Get Final Cut Pro

1. Take advantage of DV, FireWire, and the Velocity Engine in the new Power Mac G4 computers, and the editing and playback mobility offered by PowerBook systems.
2. Save money over competing turnkey systems.
3. Enjoy the most professional and affordable QuickTime-based product that combines professional editing, compositing, and effects in a single application.
4. Streamline your work with versatile workflow and productivity features, including a professional yet easy-to-use interface.
5. Use the best tool for DV video that supports most QuickTime formats.
6. Take advantage of professional formats such as DV, M-JPEG, uncompressed ITU-R 601, and web-ready streaming.
7. Incorporate qualified third-party Adobe After Effects plug-ins.
8. Retain layers when importing Photoshop files so that you can apply filters, control motion, and perform other tasks on individual layers.
9. Work with multiple sequences at the same time.
10. Enhance your video with included third-party software that lets you create 3D images, optimize files for web distribution, and paint and composite.

Four versatile windows for fast access to all Final Cut Pro features.

1. Use the Viewer window to work with video, audio, filters, and other aspects of clips.
2. Enjoy fast, intuitive editing and compositing with the editing palette and Canvas window.
3. Organize, sort, search, or sift through the media for all your projects with the Browser window.
4. View a complete linear graphic representation of your project with the Timeline window.
5. Keep the comprehensive tool palette on screen for easy access to editing and compositing tools.





Specification Sheet

Final Cut Pro

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System Requirements

- 266-MHz Power Macintosh G3 or Power Mac G4 computer (300 MHz required for DV), or 300-MHz PowerBook G3 Series computer
- Mac OS 8.6 or later
- 128MB of RAM
- 6GB hard disk (one or more separate Ultra2 LVD SCSI media drives recommended)
- One of the following video capture systems (optional):
 - A DV digital video source connected to a computer with a FireWire (IEEE 1394; Sony i.LINK) port, either built in or provided by an Apple FireWire Kit
 - For PowerBook G3 Series computers: a Newer Technology FireWire 2 Go card
 - An analog video source and a Final Cut Pro–qualified video capture card or device*
- Dual-monitor support (optional)

Ordering Information

Final Cut Pro 1.2

Order No. M7615Z/A

- Final Cut Pro software
- QuickTime Pro software
- CINEMA 4D GO from Maxon Computer
- Commotion DV from Puffin Designs**
- Media Cleaner EZ 4 for QuickTime from Terran Interactive
- EDL Access from Focal Point Systems
- Instruction manual with comprehensive tutorial
- Two sets of keyboard shortcut labels

For More Information

For more information about this product, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit www.apple.com or call 800-538-9696.

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit www.apple.com/support.

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Product Details

Input and output formats

- DV video using FireWire
- Composite and component NTSC and PAL analog using Pinnacle Systems TARGA products or other Final Cut Pro–qualified cards*
- QuickTime video and file formats, including Motion and Photo JPEG, Sorenson, Cinepak, and more
- Standard image formats (BMP, JPEG, MacPaint, Photoshop, PICT, PNG, QuickTime Image, SGI, TARGA, TIFF) with alpha channels maintained (import only)
- Standard sound formats, including AIFF, WAV, and various compressions
- Export in QuickTime web-streaming format
- Import and export of common EDLs with pre-read options

Video capture

- Multiple resolutions and redigitizing options
- Batch digitizing into bins
- Support for marking subclips during logging
- Ability to add scene, shot, take, and comment notations to footage as it is being logged
- Waveform monitor and vectorscope
- Auto-sync compensator

Printing to tape and exporting

- Instant playback of cuts
- Insert and assemble to tape using device control
- Up to 4,000x4,000-pixel resolution in any combination, including ITU-R 601 720x486-pixel and 720x576-nonsquare pixel options
- Compressed or uncompressed output
- 60-field processing

Editing

- Three-point editing
- “JKL” keyboard support
- Match frame for replacing edits
- L cuts
- Multitrack trimming
- Multiple actions, including insert, overlay, and replace
- Ability to back-time edits in a single step
- Active track targeting
- Numerical trimming from timeline
- Slip trimming and slide trimming
- Support for editing and trimming using black (null) space
- Sync multiple video edits to a single audio track
- Sync detection and automatic correction
- Markers with or without comments and durations
- Choice of editing with offline or online files
- One-step transition and superimpose edit mode
- Inline transitions instead of A/B model
- Editing palette containing the most-used functions

Compositing and effects

- Direct manipulation of video and images
- Unlimited compositing layers
- Import of Adobe Photoshop files with layers maintained to add effects and motion
- Subpixel motion accuracy
- Insertion of fully editable nested sequences
- Text generator
- Keyframe-based filters
- Real-time wire frame playback
- More than 75 built-in filters and keying effects
- Support for qualified third-party Adobe After Effects plug-ins, including Ultimatte, Boris, and Cinelook
- FXBuilder scripting language for creating custom filters and transitions
- Ability to apply effects to time ranges, not just clips
- Photoshop-like transfer modes, such as multiply and lighten
- Multiple compositing methods, including alpha, blue and green screen, luminance, and more
- Automatic alpha compositing
- Time effects such as slow motion with frame blending
- Motion blur and sophisticated image deinterlacing
- Four user-defined rendering qualities for fast previews
- Separate render cache for each quality setting
- More than 60 predefined transitions

Audio capabilities

- Sampling at 8 to 48 kHz and 8 to 16 bits
- New reverb filters
- Real-time mixing of 8 or more audio tracks
- Audio pan controls
- Logarithmic audio fades
- Scrubbing with or without pitch shifting
- Automatic, single-step audio transitions
- More than 12 audio filters, including three-band and parametric equalizer, compressor/limiter, 60/120-Hz hum remover, and noise gate

Media management

- Multiple bins and folders for clip and effects storage
- Icon and list views by name and other parameters
- Ability to open multiple sequences and programs
- Support for multi-item sorts, sifts, and Boolean searches
- Storage of clip information in 34 bin categories such as file size, frame rate, and comments
- Optional subclips
- Ability to scroll through thumbnails in the Browser window

* Final Cut Pro works with select Pinnacle Systems TARGA video capture cards. See www.apple.com/finalcutpro for information on other Final Cut Pro–qualified cards and devices.

** FX feature set not included with Commotion DV.